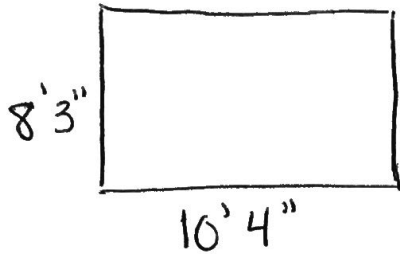


Notes 4/13 - Interior Design

Ex 1: Finding the area with measurements in feet and inches.



$$\text{On Calc: } \left(8 + \frac{3}{12}\right) * \left(10 + \frac{4}{12}\right) = 85.25 \text{ ft}^2$$

Ex 2: Deciding how much flooring we need.

- To convert ft^2 to yd^2 , just divide ft^2 by 9

$$\text{Ex } 100 \text{ ft}^2 \Rightarrow \frac{100 \text{ ft}^2}{9} = 11.1 \text{ yd}^2$$

- For items sold in cases $\frac{\text{total ft}^2 \text{ of floor}}{\text{ft}^2 \text{ per case}} \Rightarrow \text{round up}$

Ex: Room is $10' \times 14'$. Each case of laminate covers 23.4 ft^2 .

$$10' \times 14' \boxed{A = 140 \text{ ft}^2}$$

$$\frac{140 \text{ ft}^2}{23.4 \text{ ft}^2} = 5.98 \Rightarrow \text{buy 6 cases}$$